C-A MAINTENANCE, MODIFICATIONS, AND REPAIRS SCHEDULE
CHANGE-OVER TO PROTONS FOR SEB

RESULTS - 1830hrs, 4/17/02

R. Zaharatos – April 16, 2002

SCHEDULE SUMMARY

17 April 2002

Linac SNS to HEBT(BLIP on)	0800hrs
Shutdown Begins(no later then)	1500hrs
BAF test beam in Booster	1500-2300hrs

18 April 2002

Changeover to Protons continues	0600-1200hrs
Booster Controlled Access	0830-0945hrs
Booster Protons set-up:	1130hrs
Secure AGS/remove LOTO	1200hrs
SEB set-up with beam	1500hrs

Machine Areas Access :

AGS	Controlled Access -
Booster	Controlled Access -
SEB	Controlled Access -
ATR/U Line	Controlled Access - No access
Linac	Controlled Access - No access

PRIMARY JOBS

JOBS STATUS CODE: **C** complete **IP** in-process **RS** reschedule **CAN** cancelled

EQUIPMENT TESTING

C 1. AGS Main Mag. P.S. - Westinghouse set-up.
C 2. H10 Fast Bump
C 3. RF System changeover.
C 4. G10 Kicker

AGS RING

C 1. G10 Kicker - change resistors for Proton Radiography(PS Grp)(4hrs)
C 2. Chamber Gnds/networks - check sectors H, I, and J(Beam Comp.)
C 3. Back-flush F5 Septum and F10 Ejector.(MS Grp.)(4hrs)
RS 4. Install SNS Luminosity Loss Monitor at E15(Inst.)
C 5. C20 Loss Monitors - continue set-up(Inst.)(2-3hrs)
C 6. H10/H20 - Replace/repair video camera/lights
C 7. H20 Septum - install rest of PUE shorts

AGS EXTERNAL EQUIPMENT

C 1. Main Magnet P.S. changeover to Westinghouse.(3hrs)
C 3. Transverse Dampers - re-tube if necessaryPS Group
C 4. F5/F10 Loss Monitors - change cap values
C 5. Long Loss Monitors - change cap values
C 6. Current transformers - set-up for protons
C 7. Reconfigure H10 Fast Bump for test(PS Grp)
C 8. RF - modify ENI P.S.'s(2hrs).
C 9. Switchyard loss monitors - change cap values
RS 10. Fan Houses - Perform maint. on A/C for C, D, and E.
RS 11. Fan Houses - Inspection and readings for steam system

BOOSTER RING

C 1. Install loss monitor at F5 for SNS(15mins)
CAN 2. C3 Inflector - Drain Fluorinert(20mins)
C 3. Remove Cell Transporter form tunnel

SEB SWITCHYARD(Ring Sect.)

C 1. CF011 - Repair video

SEB SWITCHYARD

C 1. Repair video - CF223, and CF255.

SEB

1. CF440 - Repair/replace camera/light

SEB EXTERNAL

C 1. Switchyard Loss Monitors - change cap values

C4

C 1. Separator 1 - Change one HV cable feedthrough(Beam Components)

DETAILED SCHEDULE

April 17

1500	NASA run ends. AGS beam off. Set-up for BAF test beam in Booster Set all AGS and SEB equipment to off. LOTO AGS Ring for Controlled Access Linac operations: BLIP on and SNS laser/wire continues.
1530	Begin changeover to protons(external equipment)
1600	HP survey of AGS Ring and job specific surveys Install Chipmunk in HEBT Continue LOTO for Restricted Access
1730	AGS access for scheduled jobs
1800	AGS Ring to Restricted Access
2300	BAF beam study in Booster ends LOTO Booster for Restricted Access HP Survey of Booster for Restricted Access and job specific surveys. Open Booster Plug door.

April 18

0600	Continue scheduled jobs in AGS Ring
0830	Booster access for scheduled jobs Remove dipole cell transporter to 914(J. Hock)
0945	Booster access ends. Remove LOTO and turn on equipment
1130	Booster set-up with protons(K. Gardner)
1200	AGS access ends secure for beam and remove LOTO
1500	SEB set-up